

Title (en)

FLEXIBLE COLLAR FOR A ROTARY STEERABLE SYSTEM

Title (de)

FLEXIBLE MANSCHETTE FÜR EIN ROTIERENDES LENKBARES SYSTEM

Title (fr)

COLLIER SOUPLE POUR SYSTÈME DE GUIDAGE DE FORAGE ROTARY

Publication

EP 3504395 A1 20190703 (EN)

Application

EP 17867876 A 20171017

Priority

- US 201662418044 P 20161104
- US 2017057003 W 20171017

Abstract (en)

[origin: WO2018085042A1] A Rotary Steerable System (RSS) includes a flexible collar coupled therein that reduces the stiffness of the RSS and permits a tighter turning radius to be achieved. The positioning of the flexible collar between the steering section and the controller of the RSS further improves the turning radius, and may permit a push-the-bit system to operate similar to a point-the bit system. The flexible collar permits communication therethrough between controller and the steering sections of the RSS. The RSS may be arranged as a modular system to receive various configurations of a flexible collar and may operate with no flexible collar installed. The modularity enables tuning of the stiffness of an RSS to achieve different steering objectives.

IPC 8 full level

E21B 7/06 (2006.01); **E21B 17/00** (2006.01)

CPC (source: EP RU US)

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